Freeform Search

Database:

```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Term:

```
L9
```

Display: `10` Documents in Display Format: `TI` Starting with Number `1`

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

[Search] [Clear] [Interrupt]

Search History

DATE: Tuesday, January 11, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=TDBD; PLUR=YES; OP=OR		
L10	L9	0	L10
	DB=DWPI; PLUR=YES; OP=OR		
L9	L8	0	L9
	DB=JPAB; PLUR=YES; OP=OR		
L8	L7	0	L8
	DB=EPAB; PLUR=YES; OP=OR		
L7	L6	0	L7
	DB=USOC; PLUR=YES; OP=OR		
L6	L5	0	L6
	DB=PGPB; PLUR=YES; OP=OR		
L5	L4	0	L5
	DB=USPT; PLUR=YES; OP=OR		
L4	L3 and ("extrinsic base" same emitter same ("air gap" Or "void" or "vaccume"))	2	L4
L3	L2 and "intrinsic base" and "extrinsic base"	619	L3

| L2 | "bipolar transistor" | 28993 | L2 |
| L1 | 6548882 | 1 | L1 |

END OF SEARCH HISTORY

IEEE *Xplore*®
RELEASE 1.8

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links

» Se.

Welcome to IEEE *Xplore*

O- **Home**
O- **What Can
I Access?**
O- **Log-out**

Tables of Contents

O- **Journals
& Magazines**
O- **Conference
Proceedings**
O- **Standards**

Search

O- **By Author**
O- **Basic**
O- **Advanced**
O- **CrossRef**

Member Services

O- **Join IEEE**
O- **Establish IEEE
Web Account**
O- **Access the
IEEE Member
Digital Library**

IEEE Enterprise

O- **Access the
IEEE Enterprise
File Cabinet**

🖨 **Print Format**

Your search matched **17** of **1112315** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enterii new one in the text box.

'extrinsic base' and emitter<and>'air gap' or 'void'<and>   Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **The control of polysilicon/silicon interface processed by rapid therm anneal**
Liu, T.M.; Kim, Y.O.; Lee, K.F.; Jeon, D.Y.; Ourmazd, A.;
Bipolar Circuits and Technology Meeting, 1991., Proceedings of the 1991 , 9-1 Sept. 1991
Pages:263 - 266

[Abstract]   [PDF Full-Text (276 KB)]   **IEEE CNF**

---

2 **Innovative localized lifetime control in high-speed IGBTs**
Saggio, M.; Raineri, V.; Letor, R.; Frisina, F.;
Electron Device Letters, IEEE , Volume: 18 , Issue: 7 , July 1997
Pages:333 - 335

[Abstract]   [PDF Full-Text (64 KB)]   **IEEE JNL**

---

3 **Analytical modeling of oxide breakup effect on base current in n $^+$-polysilicon emitter bipolar devices**
Sung, J.J.; Liu, T.M.; Kim, Y.O.; Chiu, T.-Y.;
Electron Devices, IEEE Transactions on , Volume: 39 , Issue: 12 , Dec. 1992
Pages:2797 - 2802

[Abstract]   [PDF Full-Text (508 KB)]   **IEEE JNL**

---

4 **Hybrid power modules using a metal matrix composite baseplate: A evaluation**
Azzopardi, S.; Thebaud, J.-M.; Woirgard, E.; Zardini, C.;
IEMT/IMC Symposium, 2nd 1998 , 15-17 April 1998
Pages:173 - 178